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# ***“Theory of Evolution and Islam”***



**Nauman Ali**

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## **ABSTRACT:-**

Apart from the Islam there has always been conflict between the theory of evolution and other major religions. I chose to write on this because of my own interest and with an aim to contribute very little on the topic which atheists often try to mix in an argument or use as a Trump card against the believers from any religion. In this article I'll cover 6 major topics. I'll start with explaining theory of evolution and myths related to this which have no logical bases and mostly spread by those who have no idea about the actual meaning of theory in science or evolution, after this I'll explain what science says about creation of human whether it's sudden or evolutionary after this I'll describe a brief history of Humankind and cover the process of how we ended up here today, done with all this my focus will be shifted towards What Islam says about the process of creation of human and human history in light of Quran, and also I'll go through the evidences i found out from ancient Islamic texts of Muslim Philosophers and cosmologists who discussed the evolutionary process of human on many occasions the last two parts of my paper will be focused on clearing of some misconceptions and conclusion. My focus will be on explaining the theory of evolution, what Islam says regarding to birth of mankind and commonalities and what is right or wrong and what should be added and what needs to be eradicated. Due to sensitivity of this topic and with respect to religious beliefs of majority i will not impose my beliefs on reader but rather I'll leave the decision on reader ability to think and decide what he wants to believe and want to carry instead of what i want them to carry.

## **INTRODUCTION:-**

Theory of Evolution was first presented by Charles Darwin and Alfred Russell in the 19<sup>th</sup> century. A conflict between science and religious beliefs always existed if we look back into the ancient times and middle ages. In early civilizations intellectuals in Alexandria faced criticism and opposition from the priests and even some of them were executed just because they challenge the already existed dominant beliefs. In middle ages Philosophers and scientists were punished, jailed for their innovative ideas that challenged or even generate little skepticism over religious beliefs accepted and dominated by society and the masses. In middle ages when Europe was under the monopoly of church and was considered the most dominant and powerful institution among society was used to believe the earth is static in whole and all the universe revolves around the Earth however an Italian astronomer Galileo Galilei later debunked this with logical proofs generated from his observations. Galileo ended up in house arrest under charges of heresy and later died. There are countless examples like this. This shows us the hostility between beliefs and science existed from history to till this day even when science and technology become much more advance and complex. If we look into Islam during early and middle ages things were completely different compared to European and western societies. Unlike Europeans there was a trend of questioning the ideas and putting up your own thoughts Muslim societies were open and adaptive to new ideas because there was no authoritarianism over thinking Imam Ghazali Philosophy was completely brushed off by Ali Sina and perhaps this was the reason for Muslim societies to grow up and become advanced in scientific research whether its medicine, chemistry, physics, engineering, astronomy and cosmology etc. Muslims invented principles of Algebra, Algorithm, simple compounds and substances in chemistry and invented mechanism of surgery and

surgical instruments but with the end of Middle ages this also started to change a sense of authoritarianism overshadowed the ability of thinking and questioning. And till this day we can't get out of it and indulged in proving earth is static when the concept of orbits is clearly mentioned in Surah Yaseen. Fundamentalists will not allow us to question and if we did so that will be forcefully brushed off without even answering the question. Coming back to the theory of evolution same case lies here and it's actually a worthy debate to see how Islam sees evolution whether it's rejected, accepted or can be traced back in Quran. And not to mention theory of evolution itself is very much misinterpreted not by some scientists but too from religious figures. Concerns like why evolution stopped and try to link this with monkeys and claim this to be a theory without the logical experimentation and proofs is completely baseless and shows us shortcomings of not even knowing enough. Let alone understanding the theory some of our Muslim scholars are even misinterpreting the general word of "Theory" in science which have completely different meaning in contrast to what was told. For example I was recently listening to a Lecture of Dr Zakir Naik in his lecture which was actually over the theory of evolution had made some serious mistakes and also misinterpreted the word "Theory" which I will discuss in the next portion of this article.

## ***Section I***

### **WHAT IS THEORY OF EVOLUTION:-**

Theory of Evolution is widely misinterpreted in today's Islamic circle and often linked with only the creation of man from monkeys but in general it's much more than that and not just only stick to man and monkey stuff but the creation of all the living organisms exist on planet

earth till this day. The word “Theory” in science even misinterpreted let alone the evolution itself.

### **WHAT IS THEORY IN NATURAL SCIENCES?**

For creating this document i listened to some Ullema to understand their perception on Theory of Evolution in those Ullema doctor Zakir Naik was also included while brushing off the this theory analytical tool he used was the word theory, Dr Zakir Naik said there is no evidence of the evolution because its still a theory not a Law of evolution and if this is a theory it's not something proven but a guess of an individual with no evidence for its superstructure, this demonstrate the short comings and knowledge of many Islamic clerics when we explain the scientific phenomenon. In natural sciences theory have a completely opposite meaning. A theory is a well-substantiated explanation of an aspect of the natural world that can incorporate laws, hypothesis and facts. In short a theory in science does not becomes the fact but theories explains the fact. It gives us a framework for asking questions about the reality and also to make predictions based in Knowledge and observations of the existing theory. So theory remains a fact till a new theory which is completely opposite from existing theory emerges and challenges it. For example if there is theory of gravitation (Don't start telling me it's law its just an example) for instance, explains why apple falls from tress and astronauts float in space. Similarly Einstein of relativity is also a theory on which our whole GPS system works and without this nothing is possible also cell theory is also a theory on which whole structure of medical science and biology is standing so it's right to say theory word in science is considered as a fact and used to make predictions and by using this mechanism biologist found trace of humans back into the history. Similarly the theory of evolution explains why so many plants and animals some very similar and some very

different exist on earth now and in the past, as revealed by fossil records. So we can say theory of evolution is the only exiting theory till this day to understand the different variations of living organisms there is no second theory for that and if we reject this also biology will be nothing more than stamp collecting.

### **EVOLUTION:-**

Theory of Evolution was first presented by Darwin and Alfred Russell this explains in biology, evolution is the change of a species over several generations and relies on the process of natural selection. The theory is based on the idea that all the species including us humans are related and gradually change over time. And every specie on earth is a branch of a larger tree. And evolution took place because of the natural selection. Individuals in a species show variations in a physical characteristics. The variations is because of difference in their genes. Individuals who are more adaptive to the environment surrounding them will likely to survive and those individuals will reproduce and pass their genes to their Childs.

### **WHAT SCIENCE SAYS:-**

In this portion I'll describe how science in light of evolution theory and by using binomial nomenclature traced back the origin of humans and tell how every living organism on earth whether its chimps, humans cats, is complexed form of something basic and common.

### **GENETIC POOL AND EMERGENCE OF HUMANS:-**

On this basis biologists classify organisms into species. Animals are said to belong to the same species if they tend to mate with each other, giving birth to a fertile offspring. Putting this into an example of Horse and donkey both have a recent common ancestor and share many

physical traits. But they have no sexual interest in each other and if they did mate the result will be in form of a mule which is sterile and cannot produce offspring and later likely to be used for pulling carts because horse and donkey DNA cannot be crossed so both animals horse and donkey will be considered as two different species moving into different evolutionary paths. In contrast a bulldog and a spaniel may look different but are same species sharing same DNA pool and will happily mate and produce the fertile offspring and this will go on by producing more puppies and by using this we invented the artificial selection and this is the reason we have so many different types of dogs and same applies to the cats and today we have different types of cute, rough, big and small cats. Species that belongs from a common ancestor are bunched together under the "Genus". Lions, tigers, leopards and jaguars are different species but belongs from the same genus known as "*panthera*" moving ahead now with this concept of Species and Genus biologists classify organisms with a two part Latin Name including the genus and species together. For example now lion is called *Panthera Leo* now Panthera here is genus and the Leo is specie. Same thing applies on us. We modern day humans are called *Homo-Sapiens* in this term *Homo* is the Genus and *Sapiens* is a specie from the Genus Homo. So we can say we humans known as Homo-Sapiens is a just one specie from other species of the Genus Homo. After this multiple Genus known as Genera are grouped into families such as the cats (lion, cheetahs, house cats), the dogs (wolves, foxes, jackals) and elephants (elephants, mammoths, mastodons). All members of these families can be traced back to a founding matriarch or patriarch. Like a cute household cat and most furious lion have same feline ancestor that existed 25 million years ago and an average African elephant and a giant mammoth can trace back their ancestor who lived millions of years ago. So in respect to this we *Homo-Sapiens* too belongs from a



family. This fact used to be a best guarded secret we humans continue to view ourselves apart and different from other animals with having no ancestors or even close cousins, siblings or parents we just someday suddenly appears on earth but that's defiantly not the case. Me or any other person like it or not but we were members of a large noisy family known as great apes. Our closet relatives are Chimpanzees, gorillas and Orangutans. With Chimpanzees are the most closest sharing 98% same DNA like Homo-Sapiens. In short we can say about 6 millions years ago there was a divide took place in family and two creatures emerged one of them are now called Chimpanzees and one of them were Genus Homo or Humans not *Homo-Sapiens*.

## **A BRIEF HISTORY OF HUMANKIND:-**

There was more hidden secret than emerging a family close to Chimpanzees. Not only we possessed abundance of uncivilized cousins, once upon a time we had few bothers and sisters as well or you can say some relatives at least. We used to think us the only human species that existed because from the last 10000 years its only us who exited and populated the earth but that is not the case. Just look at meaning of humans this means a specie from the Genus Homo so are there another more species? Yes there are. Apart from Homo-Sapiens there are 7 known species last one discovered in 2010 from the cave of Denisova in Siberia. Let's have a look on a brief history of humans (all the species of Genus Homo).

Humans believed to be first appeared and evolved in East Africa about 2.5 million years ago from an earlier Genus of ape known as *Australopithecus*, which means 'Southern Ape'. About 2 million years ago some of these early humans left the east Africa their homeland and start a journey through and settle vast areas of North Africa, Europe and Asia. Since all these areas have different climate and living

conditions some areas of Europe were cold and snowy compared to those warm and streaming jungles of Indonesia or Flores islands thus human population evolved through a process of evolution into different directions with developing certain traits different from other species. And to each of these species scientists assigned different two word Latin name. Such as *Homo rudolfensis*, *Homo erectus*, *Homo Neanderthalensis*.

Humans in Europe and western Asia evolved into *Homo Neanderthalensis* ('Man from the Neander Valley'), popularly referred to simply as Neanderthal. Neanderthals, bulkier and more muscular than us *Sapiens*, were well adapted to the cold climate of Ice Age western Eurasia. The more eastern regions of Asia were populated by *Homo erectus*, 'Upright Man', who survived there for close to 2 million years, making it the most durable human species. On the island of Java, in Indonesia, lived *Homo soloensis*, 'Man from the Solo Valley', who was suited to life in the tropics. On another Indonesian island the small island of Flores – archaic humans underwent a process of dwarfing. Humans first reached Flores when the sea level was exceptionally low, and the Island was easily accessible from the mainland. When the seas rose again, some people were trapped on the island, which was poor in resources. Big people, who need a lot of food, died first. Smaller fellows survived much better. Over the Generations, the people of Flores became dwarves and later end up getting name of *Homo Floresncies*. While these humans were evolving in Europe and Asia, evolution in East Africa did not stop. The cradle of humanity continued to nurture numerous new Species, such as *Homo rudolfensis*, 'Man from Lake Rudolf', *Homo ergaster*, 'Working Man', and eventually our own species, which we've immodestly named *Homo sapiens*, 'Wise Man'. The members of some of these species were massive and others were Dwarves. Some were fearsome hunters and others meek plant-

gatherers. Some lived only on a single island, while many roamed over continents. But all of them belonged to the genus Homo. They were all human beings. Us Homo Sapiens emerged and stayed in East Africa for some 150000 years and then spread out toward Europe and Asia 70000 years back from now. By time all other human species went to extinction and only us Homo-Sapiens or modern day man survived. It's not important to discuss here why other species went towards extinction and why only Homo Sapiens survived because this is not the main focus of this paper but now Homo-Sapiens were only remaining species from the Genus Homo on earth and survived and developed till this day into modern human like us. So this was the evolutionary process and brief history of mankind as science explained it. Now let's come to what Islam says.

## ***Section-II***

### **IS THERE ANY ROOM FOR THEORY OF EVOLUTION IN OTHER RELIGIONS AND ISLAM:-**

Evolution is not just only discussed by Islam and Quran but also in other religions too. The only difference is science sees this process of evolution in a Godless manner and believes without any intervention from God the process of evolution started from a simple unicellular organism and keeps evolving into complex life forms by time and with the help of this approach science explains the evolution of human. But on the other hand from a religious perspective the process of evolution is completely God-oriented so both paradigms have different approaches one is God-oriented and the other is not ready to link this with God but both are trying to explain the same thing. If you are someone who is interested and a thinker you may also try to wonder which one is right the God-oriented evolution theory or an evolution without God or are these both

theories are standing together or completely opposite and if evolution is right and we are children of southern apes then birth of Adam from the womb of earth is miracle. In this section I'll find answers to these questions.

## **HISTORY OF ISLAMIC THEORY OF EVOLUTION:-**

Theory of Evolution is often linked with atheism and there is still wide belief in Muslim community who rejected this theory that Darwin himself was an atheist. This is completely wrong Darwin was not someone who was irreligious or atheist but he was too believer and after voyage on beagle and traveling several continents when he prepared his theory he first hesitated to publish it because he knows this will shake the foundations of religious belief in society but he did published his work later with Russell when both faced the same observations by experimentation. Toward the end of his life Darwin's reluctance to discuss God diminished. It is in the sixth edition of the Origin where this shift is most noticeable. The sixth edition was the last edition edited by Darwin. It was released in 1872 some thirteen years after the first edition was published. The word "evolution" appears for the first time in the last edition. Darwin used the word "Creator" nine times, and the word "God" twice in the sixth edition. Of greater importance is what he said about life and the Creator's role in it. Darwin never said that evolution was Godless or directionless. In the last sentence of the sixth, edition Darwin placed the Creator at the beginning of life on earth: He mentioned

*"There is grandeur in this [natural selection] view of life, with its several powers, having been originally breathed by the Creator into a few forms or into one; and that, whilst this planet has gone cycling on according to the fixed law of gravity, from so simple a beginning endless forms most beautiful and most wonderful have been, and are being evolved".*

So this was a proof the theory of evolution itself at first was not God less but instead God oriented but later with new editions of latest research made by scientists after Darwin the essence of creator is vanished. Now this interpretation of theory of evolution by Darwin himself makes no difference between the Islamic version of theory of evolution which is God oriented. Now let's have a look where are the roots of the history of this Islamic version of evolution.

### **ORIGIN IN ISLAMIC SOCIETY:-**

Though a great majority of people, regardless of their religion, consider Darwin as the originator of the idea of Evolution, however Darwin (1809-1882) and his grandfather Erasmus Darwin were influenced by the work of Muslim scientists who lived centuries before them. For example in writing this portion i use article of Dr. Shanavas he quotes from John William Draper (1812-1883), first president of American Chemical Society, a contemporary of Darwin, and a Former president of New York University acknowledges the fact that Muslims described the theory of evolution in their schools centuries before the West did:

*"I have to deplore the systematic manner in which the literature of Europe has contrived to put out of sight our Scientific obligations to the Muhammadans. Surely they cannot be much longer hidden. Injustice founded on Religious rancor and national conceit cannot be perpetuated forever. Christian theological authorities were therefore constrained to look with disfavor on any attempt to carry back the origin of the earth to an epoch indefinitely remote, and on the Muhammadan theory of evolution which declared that human beings developed over a long period of time from lower forms of life to the present condition." "Sometimes, not without surprise, we meet the ideas with which we flatter ourselves with having originated our own times. Thus our modern doctrine of evolution and development were*

*taught their [Muslim] Schools. In fact they carried them much farther than we are disposed to do, extending them even inorganic and Minerals.”* Ironically, this Western amnesia regarding the scientific contribution of Muslims coincided with the decline in Muslim world. By abandoning rational thinking and scientific methodology which is according to Quran is the necessary condition for being a Muslim, they followed dogmas and story tellers.

Will Durant, an American historian, reminds his readers that medical books authored by Ali Ibni Sina and Abu Bakr Muhammad ibn Zakariya al-Razi were both used as textbooks in European universities for centuries, and that in 1395 Razi’s book was among the nine textbooks used by the University of Paris. The same book informs the reader that Avicenna a science encyclopedia, was a main textbook at Montpellier and Louvain universities until the mid-17<sup>th</sup> century. We should mention two important Muslim scientists who had immense impact on scientific enterprise in Europe: Abu Bakr ibn Tufayl, known in the West as Abubacer and philosopher Abu al-Walid Muhammad ibn Rushd who became famous in the West by the name Averroes. All these Muslim scientists and philosophers of the medieval period i mentioned above whose books were read and accepted by universities of Europe had no qualms in accepting evolution as a divine system for creation.

For instance, the prominent Muslim polymath, philosopher and sociologist Ibni Khaldun after a paragraph about the origin of human species, reminds the reader with a verse describing the deterministic nature of God’s system: “You will never find a change in God’s system.” In his famous Book *Muqadimah* Ibni Khaldun proposes a theory of evolution starting from minerals. Minerals evolve and become seeded and seedless plants. Plants evolve and reach to their height with palm trees and vines. The evolution continues with snails and shelled sea animals. The diversification in animal kingdom reaches the zenith of

creation by gradual evolution into human beings with consciousness and thinking skills. According to Ibn Khaldun, monkeys are the link between animals and the first stage of humanity. Ibn Khaldun presents the theory of evolution by using scientific language, arguing that the essence of creation which modern day science called the genetic code passes through various changes or mutations generating one species after another.

In addition to these, Muhammad al-Haytham who is known in the West by the name Alhazen, defends human evolution starting from minerals, plants, and animals in his book on optical science.

Prominent leaders of Sufism such as Ibn Arabi and Jaluluddin Rumi also had no problems in accepting the idea of creation through evolution, an idea which was commonly held among Muslims.

The Muslim Geologist al-Biruni in his book also asserts that humans are created after long periods of evolution from simple organisms through natural selection.

### **FAITH IS NOT BLIND**

Contrary to some popular opinion, genuine faith in God cannot be blind. Rather, according to the Qur'an, genuine faith requires testimony (shahadat). That is based on clear evidence that satisfies both the heart and the mind. The Quran teaches us how to read this dynamic book, and how to observe, witness, and confirm that everything in existence reveals the attributes of its Creator. It constantly calls us to observe the world and gives us cues on how to reflect. It teaches us how to see that the universe has a wise, Powerful, caring Creator, and that things do not happen on their own or randomly. Rather, whoever makes one thing must be the Maker of all. The Quran calls us to reflect on a tiny fly, for instance (Quran 22:73). We realize that the fly cannot be the

result of random insentient processes, Lacking creative power and comprehensive knowledge. For a fly comes into in perfect harmony within itself and with the rest of the universe. A fly breathes , eats, and flies within the context of all the physical and chemical events in the world that follow orderly patterns (or “laws” as we call them in, Science), from the oxygen cycle to sunshine, to the growth of plants, to an Incredible genetic replication pattern that is shared by other living beings. Whoever planned and gave existence and life to one fly must be aware of and the rest of the world wherein the fly exists. He must have the capacity to bring forth a living fly from all over this cosmic web. Indeed, whoever makes one fly must be the maker of all life on the planet, and the planet within its bigger cosmic system. It is of course not possible to explain here in detail the Quranic guidance pertaining to this reasoning. Here, we just offer a glimpse so as to highlight the need for reflecting on nature and taking the Quranic cues seriously.

## **THEORY OF EVOLUTION IN LIGHT OF QURAN:-**

Upon researching i found out 32 different verses in Quran that can help us to understand the evolution. Quran did mention the evolution process also but the there are slight differences in this evolution in Quran first thing this evolution is God oriented and other one is the birth of Adam. And there is nothing wrong with this approach even now in other religions scholars, researchers and scientists trying to reconcile both religion and evolution by believing its not something took place on its own but with intervention of a divine force. So let's have a look on how Quran describes the God oriented evolution. For writing this portion i listen to many Ullema few of them were bit modernized and few of them were fundamentalist who completely rejected this idea without any logical explanation. So here is interpretation of the these verses i found acceptable and can coexist or reconcile with modern



understanding of the evolution. Religion aims at moral purification of humans (Shahadat) so that may render themselves acceptable for an eternal life with Allah (Quran 87:14-17) With this aim in view, various secular and material facts are alluded to in the Quran to substantiate its argumentation, for instance, those pertaining to human nature, history, or natural science etc. A particular example of that is prominent events in human evolution which is our topic here and basic aim behind writing this paper

The Quran (32:7-9) says:

*And He (God) began the creation of man from (the extract of sticky) clay; thereafter, He made his progeny from the extract of a worthless fluid. Then, He proportioned him, blew into him of His subtle breath, and (thus) made for you ears (to hear), eyes (to see), and minds (to understand). (Yet) how seldom are you grateful!*

So now here is one understanding of this verse:-

***He began the creation of man from (the extract of sticky) clay.*** This is the explanation of the first phase during which the physical/animal form of man was created. For this, the same process of creation that is now carried out in the mothers womb was then carried out in the earth's belly. Thus soil components which enter our bodies as food and transform therein into gametes to initiate the process of human production underwent the same process in mud of a river-bank or seashore to produce the first life-germ. The mud surrounding this life-germ, or cell, dried up and formed an egg-like shell around it, which the Quran called that a 'sounding clay':

***And it is We (God) who created man out of dried, sounding clay of black (rotten) mud. (15:26)***

***He created man out of dried, sounding clay like the potter's. (55:14)***

Within such an egg-like lodging, the various stages of prenatal development were accomplished. Eventually, there hatched out a fully-formed creature, capable of looking after itself. This creature should be called the animal-form of man. At other places, the Quran points to this process of creation as follows:

***He is the one who produced you from the earth. (11:61)***

***And it is God who grew you from the earth in a meticulous manner. (71:17)***

From this, it may be applied that all other creatures were also created likewise.

Thereafter, God made man's progeny from the essence of a worthless fluid. This is the second phase in which the thus-formed creature or primitive humans, if you like, acquired the ability to produce their offspring by themselves. Thus, the same process that once took place in the earth's belly began to take place in the mother's womb. This was the time when man was still an animal, void of knowledge and understanding.

***Then, God proportioned man and blew into him of His subtle breath.***

This is the third phase wherein the animal-form of man was further refined, perhaps through breeding of many generations, until it became capable of receiving the human soul. The soul was subsequently bestowed upon two such animals, thereafter named Adam and Eve – the parents of all humans. Into them, the soul was instilled by an act of divine intervention, which the Quran refers to as the blowing of a subtle divine-breath. It is a metaphor, used to communicate, through best possible means, an event whose reality is beyond human knowledge, reason, or imagination.

***And (thus) God made for you ears (to hear), eyes (to see), and minds (to understand).*** This is the consequence of receiving the human soul, which conferred upon a mere animal knowledge and intellect, aesthetic and moral sense, and willpower to choose between right and wrong. These are the capacities that differentiate man from other animals and render him answerable to God for the choices he makes. The same divine breath is blown into every human fetus (i.e., animal-form) in the mother's womb, which transforms it into a totally new creation

Now this one interpretation explains the available scientific data. It endorses evolution roughly within and below the taxonomic rank 'genus', which is indisputable for extensive direct-evidence is available for that in form of fossil records and carbon dating. However, it rejects common descent, i.e., the view that all species have descended from a common ancestor.

Now putting all this process into short.

When we eat things grown in earth in reaction minerals and nutrients in those edible foods form blood for our body and also gemmates Sperms in men and ovum or egg in females and when they combine in a mother's womb after 9 to 10 months a baby born. But Allah SWT instead of womb begin this process in a clay like ground near a pond and in result that clay dried out in black rotten hard mud and form a shape like an egg shell and Allah SWT started a process of growth in that shell similar to the mother's womb and when this process completed similar to a chick a primitive human or you can say Hiwani Insan came out and this primitive human did not have human personality yet and Allah give this primitive human ability to produce his own generations and offspring's its Allah SWT who gave us the ability of genetic compatibility to make different generations of us with slight genetic mutations after this breeding of the Genus Homo started

like i mentioned in previous portion of this article when different species of Genus Homo start evolving and when after undergoing the long process of evolution when individuals from Genus homo finally had human abilities and personality then Allah SWT chose two of them Adam and Eve. So with macro evolution this process of God oriented human evolution is also true and highly acceptable. There was a primitive human who underwent a process of evolution and once the process completed Allah SWT entered soul into him and he become a man who can reason and think and have all the qualities to be called the Allah superior most creation or Ashraf-ul-Makhluqat. Maybe the problem is with naming the one we are calling primitive human in Islam science using the word ape or monkey for them.

### **OTHER EVIDENCES IN QURAN:-**

- (Quran 76:1) Has there come on man a long period of time when he was a thing unremembered?
- (Quran 29:20) Say: "Roam the earth and observe how the creation was initiated.
- (Quran 71:14) God created you in diverse stages
- (Quran 24:45) Allah has created every animal out of water . Of them (is a category which) walks upon its belly,
- (Quran 21:30) Have not those who disbelieve known that the heavens and the Earth were of one connected entity, then we separated them and We made every living thing out of water? Will they not then believe?
- (Quran 6:2) He is Who has created you from clay, then he spent a term of time (away from you),
- (Quran 71:17) And Allah has caused you to grow from the earth a [progressive] growth.
- (Quran 64:3) He designed you then made your design better.

- (Quran 40:64) He formed you then made your forms better.
- (Quran 30:27) God originates creation; Then reproduces it; and For him it is most easy.
- (Quran 11:61) It is He Who has produced you from the earth and settled you therein..
- (Quran 82:6-9) O mankind, what has deceived you concerning your Lord, the Generous, Who created you, then proportioned you, and then balanced you; in whatever form He willed has He assembled you.
- (Quran 96:1-2) Recite in the name of your Lord who created, Created man from a clinging substance (Alaq or Embryo).
- (Quran 16:4) He created man from a sperm-drop; then at once, he is a clear adversary.
- (Quran 35:11) And Allah did create you from dust; then from a reproductive fluid; then He made you in pairs.
- (Quran 3:33-34) "Indeed, Allah chose Adam and Noah and the family of Abraham and the family of 'Imran over the Worlds. DESCENDANTS, some of them from others. And Allah is Hearing and Knowing"
- (Quran 76:28) We created them and.And when we please. We will substitute the likes of them by a change.
- (Quran 2:30) And when your Lord said to the angels, "Indeed, I will make upon the earth a successive authority." They said, "Will You place upon it one who causes corruption therein and sheds blood, while we declare Your praise and sanctify You?" Allah said, "Indeed, I know that which you do not know."
- (Quran 6.133) If He wills, he can do away with you and give succession after you to WHATEVER He wills, just as he produced you from the descendants of another people (qawmin).

- (Quran 35:16) If He wills, He can do away with you and bring forth a new creation.
- (Quran 14:19) If God wills he can remove you and put in your place a new creation.
- (Quran 47:38) And if you turn away, He will replace you with another people; they will not be the likes of you.
- (Quran 32:7) Allah is He who has made everything He created BETTER, and He began the creation of the human out of clay He made everything he created better.
- (Quran 32:8) Then He made his posterity out of the extract of a liquid disdained.
- (Quran 32:9) Then He proportioned him and breathed into him from His [created] soul and made for you hearing and vision and hearts; little are you grateful.
- (Quran 4:1)...created you [all] from a singular 'nafs' and created from it its mate and dispersed from both of them, Many [human] men and women.

Now in light of all these Quranic verses i mentioned above explains different evolutionary processes of creation of human. On some places Allah SWT mentioned we created a man from clay and water and then he underwent a process of getting better and getting human like features from the evolving organisms and then we gave him ability to produce offspring in mothers womb with sperm and ovum after this process was completed Allah SWT entered soul into him and he become a man who can reason and think. Then Allah SWT chose two of them Adam and Eve and the process goes on or in another sense we can put like this God has created humans through evolutionary process and then bring down already created and fashioned Adam and Eve as a Prophet in those already evolved humans. And to be honest this makes very much sense and have an evidence because historians and

scientists believed there was once upon a time in mankind history when Homo-Sapiens took a giant intellectual leap and majority find no explanation for that and often linked to this story making in preparation of this document I used Yuval Noah Harari Sapiens for some insight Harari said reason behind this because Homo-Sapiens start making and telling stories to each other Harari who is himself an atheist actually talking about religion here but calling them stories. It is quite possible because Adam was taught about knowledge of certain things and was sent back on earth as a Prophet. Now if we look at the evolutionary process which science explains there is no difference the scientific evolution also explained the same process. Life started out from a simple organism from clay and water then evolved into more complex form and slowly gets ability to produce fertile offspring and many new organisms with more complex features start evolving through different evolutionary paths and one of them were Genus Homo or Humans and its species which also underwent a process of evolution and at the Homo-Sapiens or wise man like us emerged on earth about 150000 years ago in South Africa and start roaming other continents about 70000 years ago and if we did try to find out the history of mankind Islam tell us which is not accurate but still lies around the timeline science had mentioned so now here comes a question that why in some parts Allah had mentioned different process of creation of human and on some places its different somewhere its clay originated and somewhere Allah SWT talks about the creation through sperm and ovum so why there is difference the answer is Quran and Islam is acceptable understandable in every generation and time frames if Allah SWT did explain the process of ovum and sperm to the people of Mecca then they might never be able to understand it so for them the example of clay makes more sense but for us 21<sup>st</sup> century Homo Sapiens who are way more educated and scientifically advanced now can interpret

something which was impossible for them. In one more example one verse from Quran (*Quran 6:2*) *He is Who has created you from clay, then he spent a term of time (away from you)*, in this verse of Quran Allah SWT mentioned that after creation of man he spent some time away from you this can also be interpreted as after the evolutionary process of creation of human begins. In an Israeli legend it is believed the God after creating Adam's body left him on earth for about 40000 years and this period of time lies very much accurate with the timeline theory of evolution describes.

## **CONCLUSION:-**

So it's done and dusted i explained the process of evolution from a scientific point of view and then explain the evolution which Quran describes both are very much acceptable and makes sense and also why it's much more than a theory of monkeys and men and now I'm finally at a stage where i can say there is nothing wrong with the theory of evolution and also which Quran describes but as a Muslim we should align ourselves with what is God oriented, we cannot deny this and say the evolution was done without God. From the scientific stand point theory of evolution makes a lot of sense and you cannot reject this because of extensive amount of proofs in form of fossils and records. In west there was a heavy clash between science and religious beliefs and there is reason for that because west did not had a good experience with science so now they believe religion and science should not merge together but in our case things were bit different we had a positive experience in past and by the coexistence of both religious beliefs and scientific knowledge Muslims dominated the world of scientific knowledge when Europe was in dark and there was a time when scientific language was Arabic like today's English. For example establish science says earth is not static but revolving around the sun



which is something Quran too acknowledge in Surah Yaseen but when Copernicus and Galileo describe this the church put them in House arrest. This was started in 15<sup>th</sup> century during dark ages and till this day it's going on. Islam is religion for every generation and time whether it's early days of Islam or 21<sup>st</sup> century what we need to do is to align our beliefs with changing times to reconcile and coexist. Like Dr Allama Muhammad Iqbal said in his book reconstruction of religious thought "If modern day thoughts start clashing with ancient beliefs and knowledge all you need is to reconcile both of them. To align your spiritual existence with modern day facts. And this also strengthen our religious beliefs. But sometimes during the reconstruction some new questions emerged and try to confuse us for example if Allah bring Humans into perfect form through Evolution why now till this day we have tail bone and appendix. The more you research more you will find answer. What went wrong with us Muslims is we stop thinking and questioning and now this day we are Europe of dark ages. If we didn't stop research maybe till this day we were able to prove to the world that it's God who is behind the process of evolution. In Western schools this was taught to students that we born without any intervention from God from a single celled organism and we are part of that large tree of evolution process and there is no intellectual being or driving force behind this creation we are not designed and there is no designer but now science herself challenging this view. For example our DNA which is a chemical chain carrying all of our programing is similar to a computer program. DNA is cause and we are effect of that and finding effects of causes is science works. From where this information stored in our DNA came from there definitely have to be some intelligence behind storing this information and that is Allah. Quran is not a scientific book it never reject the scientific principles but give us a brief idea and provoke us to think and reason and when we think this results

in increasing our faith. Reality is hard to find and sometimes it don't exist because if reality exists already there will be no use of research at all. So the question is should we Muslims believe the theory of evolution the answer is yes there is nothing wrong with it and this theory make lot of sense but we also need to remain loyal to our religious scripture we need to believe there is a creator behind this we can believe all the evolution theory but as a Muslim our borderline should be birth of Adam and God oriented evolution and creation. If you think there is a sense of backwardness in remaining loyal to this then there is an example in 1950s when it was widely believed in scientific community that universe is static but Quran did mention the Big bang 1400 years ago and what happened the theory of static universe proved to be wrong and now science believes that this universe had a beginning A BIG BANG and there will be an ending.

یہ کائنات ابھی ناتمام ہے شاید

کہ آ رہی ہے دمام صدائے کن فیکون

That's it i will finish here. PEACE OUT.

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